



Technical Data Sheet

PRODUCT DESCRIPTION

Eximco™ PY 83 TR is an opaque, red shade PY 83 recommended for lead-free, hot-melt traffic marking applications. It has the required color stability for use with both alkyd and hydrocarbon resin-based formulations. Simple mixtures with titanium dioxide can be made to match Federal Standard 595B 33538. The characteristics of this pigment permit such formulations to demonstrate excellent night retro reflectivity with color retention, properties not attainable with semi-opaque or transparent PY 83 types. When such benefits are coupled with excellent weather fastness, this grade represents the most cost-effective organic yellow pigment for hot-melt systems.

Product	Pigment Yellow 83
Color Index No.	C.I. 21108
Chemical Group	Disazo (Diarylide)
CAS No	5567-15-7
Chemical characterization	Diarylide Yellow

PHYSICAL PROPERTIES

Test	Unit	Typical Value
Appearance	-	Powder
Moisture	%	0.6
pH	-	4.8
Specific Conductivity	µs/cm	236
Over Point	-	Control
Solvent Fastness (5=excellent, 1=poor)		
Butanol	-	4-5
Butyl Acetate	-	3-4
Methyl Ethyl Ketone	-	3-4
Xylene	-	3-4
Mineral Spirits	-	5

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